

Patent Abstracts of Japan

PUBLICATION NUMBER : 09272257
PUBLICATION DATE : 21-10-97

APPLICATION DATE : 05-04-96
APPLICATION NUMBER : 08110373

APPLICANT : NICHIBAN CO LTD;

INVENTOR : TATENO HIDEO;

INT.CL. : B41M 5/00 D21H 19/38

TITLE : SHEET FOR INK-JET RECORDING

ABSTRACT : PROBLEM TO BE SOLVED: To provide a sheet for ink-jet recording in which printability such as ink acceptability, drying properties, fixation properties and reproducibility of a dot is excellent and also film strength and water resistance of an ink acceptance layer are excellent and clarity of the ink acceptance layer is remarkably improved.

SOLUTION: An ink acceptance layer is formed at least on one side of a base material sheet. The ink acceptance layer contains (a) aluminum oxide fine particles having γ type crystal form of $\leq 200\text{nm}$ average particle diameter and (b) noncrystalline silica fine particle which are bonded by a binder consisting of water-soluble cellulose ether etherified by a methoxyl group and a hydroxylpropyl group.

COPYRIGHT: (C) JPO